

# AGENDA

*Program changes/substitutions may be made without notice.*

**All times listed below are Eastern Daylight Time**

Monday, September 13, 2021

12:00 PM - 12:10 PM	<b>Course Introduction</b>  <b>Speaker:</b> <a href="#">Valentina Nardi, MD</a>
12:10 PM - 12:35 PM	<b>An introduction to molecular diagnostics</b>  <b>Speaker:</b> <a href="#">Fei Dong, MD</a>
12:35 PM - 1:00 PM	<b>Specimen handling for molecular success</b>  <b>Speaker:</b> <a href="#">Lynette Sholl, MD</a>
1:00 PM - 1:25 PM	<b>An introduction to cytogenetic techniques</b>  <b>Speaker:</b> <a href="#">Azra Ligon, PhD</a>
1:25 PM - 1:35 PM	<b>Question and Answer for speakers</b>  <b>Speakers:</b> <a href="#">Fei Dong, MD</a> , <a href="#">Azra Ligon, PhD</a> , <a href="#">Lynette Sholl, MD</a>
1:35 PM - 1:40 PM	<b>Break</b>
1:40 PM - 2:05 PM	<b>An introduction to next generation sequencing</b>  <b>Speaker:</b> <a href="#">Laura Macconail, PhD</a>
2:05 PM - 2:35 PM	<b>An introduction to bioinformatic pipelines for NGS</b>  <b>Speaker:</b> <a href="#">Ryan Schmidt MD, PhD</a>
2:35 PM - 2:45 PM	<b>Question and Answer for speakers</b>  <b>Speakers:</b> <a href="#">Laura Macconail, PhD</a> , <a href="#">Ryan Schmidt MD, PhD</a>
2:45 PM - 2:55 PM	<b>Coffee break</b>
2:55 PM - 3:20 PM	<b>An introduction to liquid biopsy (cell free DNA sequencing): technical topics</b>  <b>Speaker:</b> <a href="#">Long Phi Le, MD, PhD</a>
3:20 PM - 3:50 PM	<b>An introduction to liquid biopsy (cell free DNA sequencing): clinical applications</b>  <b>Speaker:</b> <a href="#">Giulia Siravegna, PhD</a>
3:50 PM - 4:20 PM	<b>Tumor mutation burden and Microsatellite instability testing</b>  <b>Speaker:</b> <a href="#">Jonathan Nowak, MD, PhD</a>
4:20 PM - 4:30 PM	<b>Question and Answer for speakers</b>  <b>Speakers:</b> <a href="#">Long Phi Le, MD, PhD</a> , <a href="#">Jonathan Nowak, MD, PhD</a>
4:30 PM - 5:00 PM	<b>Live Advanced Workshop: Informatics</b>

**Speaker:** [Long Phi Le, MD, PhD](#)

Tuesday, September 14, 2021

12:00 PM - 12:05 PM	<b>Introduction of speakers</b>  <b>Speaker:</b> <a href="#">Lynette Sholl, MD</a>
12:05 PM - 12:30 PM	<b>Molecular Diagnostics for Breast cancer</b>  <b>Speaker:</b> <a href="#">Deborah Dillon, MD</a>
12:30 PM - 12:55 PM	<b>Molecular Diagnostics of Gynecologic Tumors</b>  <b>Speaker:</b> <a href="#">Lauren Ritterhouse, MD, PhD</a>
12:55 PM - 1:05 PM	<b>Q&amp;A</b>  <b>Speakers:</b> <a href="#">Deborah Dillon, MD</a> , <a href="#">Lauren Ritterhouse, MD, PhD</a>
1:05 PM - 1:10 PM	<b>Break</b>
1:10 PM - 1:35 PM	<b>Molecular Diagnostics of Melanoma</b>  <b>Speaker:</b> <a href="#">Ryan Sullivan, MD</a>
1:35 PM - 2:00 PM	<b>Molecular Diagnostics of Pediatric &amp; Rare Tumors</b>  <b>Speaker:</b> <a href="#">Alanna Church, MD</a>
2:00 PM - 2:25 PM	<b>Pediatric Case</b>  <b>Speakers:</b> <a href="#">Alanna Church, MD</a> , <a href="#">Katherine Janeway, MD, MMSc</a>
2:25 PM - 2:35 PM	<b>Q&amp;A</b>  <b>Speakers:</b> <a href="#">Alanna Church, MD</a> , <a href="#">Katherine Janeway, MD, MMSc</a> , <a href="#">Ryan Sullivan, MD</a>
2:35 PM - 2:50 PM	<b>Break</b>
2:50 PM - 3:15 PM	<b>Clinical interpretation of sequence variants + copy number</b>  <b>Speaker:</b> <a href="#">Fei Dong, MD</a>
3:15 PM - 3:40 PM	<b>Clinical interpretation of fusions</b>  <b>Speaker:</b> <a href="#">Valentina Nardi, MD</a>
3:40 PM - 4:05 PM	<b>Clinical interpretation of germline cancer predisposition</b>  <b>Speaker:</b> <a href="#">Diana Mandelker, MD, PhD</a>
4:05 PM - 4:15 PM	<b>Q&amp;A</b>  <b>Speakers:</b> <a href="#">Fei Dong, MD</a> , <a href="#">Diana Mandelker, MD, PhD</a> , <a href="#">Valentina Nardi, MD</a>
4:15 PM - 5:00 PM	<b>Live Advanced Workshop: Fusion interpretation</b>  <b>Speaker:</b> <a href="#">Adam Fisch, MD, PhD</a>

12:00 PM - 12:05 PM	<b>Introduction of speakers and topics</b>  <b>Speaker:</b> <a href="#">Alanna Church, MD</a>
12:05 PM - 12:25 PM	<b>Hot topics in minimal residual disease testing</b>  <b>Speaker:</b> <a href="#">Annette S. Kim, MD, PhD</a>
12:25 PM - 12:45 PM	<b>Hot topics in myeloid neoplasms</b>  <b>Speaker:</b> <a href="#">Valentina Nardi, MD</a>
12:45 PM - 1:05 PM	<b>Targetable fusions in acute lymphoblastic leukemia</b>  <b>Speaker:</b> <a href="#">Marian Harris, MD, PhD</a>
1:05 PM - 1:15 PM	<b>Q&amp;A</b>  <b>Speakers:</b> <a href="#">Marian Harris, MD, PhD</a> , <a href="#">Annette S. Kim, MD, PhD</a> , <a href="#">Valentina Nardi, MD</a>
1:15 PM - 1:20 PM	<b>Break</b>
1:20 PM - 1:45 PM	<b>Molecular diagnostics for B-cell lymphomas</b>  <b>Speaker:</b> <a href="#">Scott B. Lovitch, MD, PhD</a>
1:45 PM - 2:10 PM	<b>Molecular diagnostics for T-cell lymphomas</b>  <b>Speaker:</b> <a href="#">David Weinstock, MD</a>
2:10 PM - 2:30 PM	<b>Heme case presentation</b>  <b>Speaker:</b> <a href="#">Hanno Hock, MD, PhD</a> , <a href="#">Valentina Nardi, MD</a>
2:30 PM - 2:40 PM	<b>Q&amp;A</b>  <b>Speakers:</b> <a href="#">Hanno Hock, MD, PhD</a> , <a href="#">Scott B. Lovitch, MD, PhD</a> , <a href="#">Valentina Nardi, MD</a> , <a href="#">David Weinstock, MD</a>
2:40 PM - 2:55 PM	<b>Break</b>
2:55 PM - 3:20 PM	<b>Molecular diagnostics for sarcomas</b>  <b>Speaker:</b> <a href="#">Adrian Marino-Enriquez, MD, PhD</a>
3:20 PM - 3:45 PM	<b>Molecular diagnostics for gliomas</b>  <b>Speaker:</b> <a href="#">David Meredith, MD, PhD</a>
3:45 PM - 4:10 PM	<b>Clinical Applications of Whole Genome DNA Methylation Profiling</b>  <b>Speaker:</b> <a href="#">Matija Snuderl, MD</a>
4:10 PM - 4:20 PM	<b>Q&amp;A</b>  <b>Speakers:</b> <a href="#">Adrian Marino-Enriquez, MD, PhD</a> , <a href="#">David Meredith, MD, PhD</a>

Matija Snuderl, MD

4:20 PM - 5:00 PM

**Live Advanced Workshop: Copy number by microarray & NGS**

**Speaker:** Adrian Dubuc, PhD

Thursday, September 16, 2021

12:00 PM - 12:05 PM

**Introduction**

**Speaker:** Valentina Nardi, MD

12:05 PM - 12:30 PM

**Molecular diagnostics for lung cancer**

**Speaker:** Lynette Sholl, MD

12:30 PM - 12:55 PM

**Molecular diagnostics for thyroid cancer**

**Speaker:** Dora Dias-Santagata, PhD, FACMG

12:55 PM - 1:10 PM

**Q&A**

**Speakers:** Dora Dias-Santagata, PhD, FACMG,  
Lynette Sholl, MD

1:10 PM - 1:20 PM

**Break**

1:20 PM - 1:45 PM

**Molecular biomarkers for GU cancers**

**Speaker:** Atish Choudhury, MD, PhD

1:45 PM - 2:10 PM

**Molecular diagnostics for GI cancers**

**Speaker:** Jonathan Nowak, MD, PhD

2:10 PM - 2:35 PM

**Clinical Case presentation and discussion (lung tumor)**

**Speakers:** Mark M. Awad, MD, PhD,  
Lynette Sholl, MD

2:35 PM - 2:45 PM

**Q&A**

**Speakers:** Mark M. Awad, MD, PhD,  
Atish Choudhury, MD, PhD,  
Hetal Marble, PhD,  
Jonathan Nowak, MD, PhD,  
Lynette Sholl, MD

2:45 PM - 3:00 PM

**Break**

3:00 PM - 3:25 PM

**Billing and regulatory issues**

**Speaker:** Jochen K. Lennerz, MD, PhD

3:25 PM - 3:50 PM

**Opportunities in Molecular Lab Management**

**Speaker:** Neal Lindeman, MD

3:50 PM - 4:15 PM

**Future Directions in Molecular Diagnostics**

**Speaker:** A. John Iafrate, MD, PhD

4:15 PM - 4:40 PM

**Clinical trials & FDA approval**

**Speaker:** Hetal Marble, PhD

4:40 PM - 4:50 PM

**Q&A**

**Speakers:** [A. John Iafrate, MD, PhD](#),  
[Jochen K. Lennerz, MD, PhD](#)

4:50 PM - 5:00 PM

**Wrap up and Thank you**

**Speakers:** [Alanna Church, MD](#),  
[Valentina Nardi, MD](#),  
[Lynette Sholl, MD](#)